

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---------------------------|------------------|---------|---------------------|
| S1    | 103  | ("20020023507"  <br>"20020028456"  <br>"20020029621"  <br>"20020032531"  <br>"20020090320"  <br>"20020098332"  <br>"20020148282"  <br>"20020155036"  <br>"20020164275"  <br>"20030007152"  <br>"20030032198"  <br>"20030032205"  <br>"20030037601"  <br>"20030037620"  <br>"20030041653"  <br>"20030041671"  <br>"20030041672"  <br>"20030041676"  <br>"20030054740"  <br>"20030055587"  <br>"20030056576"  <br>"20030068829"  <br>"20030097871"  <br>"20030100119"  <br>"20030127776"  <br>"20030133113"  <br>"20030138025"  <br>"20030141613"  <br>"20030157721"  <br>"20030161763"  <br>"20030169638"  <br>"20030190260"  <br>"20030203500"  <br>"20030211016"  <br>"20030218467"  <br>"20030219906"  <br>"20040123650"  <br>"20040230397"  <br>"5306315"  <br>"5399178"  <br>"5814110"  <br>"5959297"  <br>"5985356"  <br>"6004617"  <br>"6030917"  <br>"6034775" | US-PGPUB;<br>USPAT; USOCR | OR               | OFF     | 2011/07/20<br>17:05 |

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|-----------|
| "6045671" |
| "6087181" |
| "6149882" |
| "6157449" |
| "6175409" |
| "6182499" |
| "6187164" |
| "6248540" |
| "6260407" |
| "6265226" |
| "6296771" |
| "6346290" |
| "6371640" |
| "6373570" |
| "6393895" |
| "6393898" |
| "6395552" |
| "6401519" |
| "6406632" |
| "6410331" |
| "6419881" |
| "6420179" |
| "6436292" |
| "6438497" |
| "6440745" |
| "6441901" |
| "6461515" |
| "6468806" |
| "6475391" |
| "6484567" |
| "6491816" |
| "6508984" |
| "6519032" |
| "6528026" |
| "6535284" |
| "6535824" |
| "6536944" |
| "6541271" |
| "6553318" |
| "6576906" |
| "6577392" |
| "6582116" |
| "6605473" |
| "6644101" |
| "6649413" |
| "6650102" |
| "6653138" |
| "6655194" |
| "6658429" |
| "6664067" |
| "6668622" |
| "6670298" |
| "6679130" |
| "6681618" |

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|----|------|--|---|-----|-----|---------------------|
|    |      | "6686205"  <br>"6690179"  <br>"6713264").PN.   |   |     |     |                     |
| S2 | 1    | "10779419"   | US-PGPUB;<br>USPAT; USOCR   | OR  | OFF | 2011/07/20<br>17:08 |
| S3 | 0    | (high near through\$3)<br>same (screen\$3 near2<br>fuel near2 additive)<br>same2 composition<br>same2 compound and<br>(molecul\$2 near model<br>\$3) ans combinatorial     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2011/07/20<br>20:26 |
| S4 | 0    | (high near through\$3)<br>same3 (screen\$3<br>near2 fuel near2<br>additive) same2<br>composition same2<br>compound and<br>(molecul\$2 near model<br>\$3) ans combinatorial | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2011/07/20<br>20:27 |
| S5 | 0    | (high near through\$3)<br>same (screen\$3 near2<br>fuel near2 additive)<br>same2 composition<br>same2 compound and<br>(molecul\$2 near model<br>\$3) and combinatorial     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2011/07/20<br>20:27 |
| S6 | 0    | (high near through\$3)<br>same2 (screen\$3<br>near2 fuel near2<br>additive) same2<br>composition same2<br>compound and<br>(molecul\$2 near model<br>\$3) and combinatorial | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2011/07/20<br>20:28 |
| S7 | 0    | (high near through\$3)<br>same2 (screen\$3<br>near2 fuel near2<br>additive) same2<br>composition same2<br>compound and<br>(molecul\$2 near model<br>\$3) and combinatorial | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2011/07/20<br>20:28 |
| S8 | 3072 | (high near through\$3)<br>and (molecul\$2 near<br>model\$3) and<br>combinatorial   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2011/07/20<br>20:29 |

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| S9  | 2626 | S8 and computer   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/20<br>20:30 |
| S10 | 13   | S9 and (fuel same<br>additive same<br>composition)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/20<br>20:30 |
| S11 | 3079 | (high near through\$3)<br>and (molecul\$2 near<br>model\$3) and<br>combinatorial  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/21<br>12:12 |
| S12 | 2633 | S11 and computer  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/21<br>12:12 |
| S13 | 866  | S12 and detergent   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/21<br>12:12 |
| S14 | 3    | S12 and (detergent\$1<br>same cetane same<br>octane same emission<br>samd antioxidant\$1<br>same carrier same<br>metal same lead same<br>rust same bateriostatic<br>same corrosion same<br>(antistatic near additive<br>\$1) same (drag near<br>reduc\$3) same<br>demulsifier\$1 same<br>dehaz\$3 same (anti?ice<br>\$3 near additive\$1)<br>same dispersant\$1<br>same (combustion<br>near improve\$2) same<br>mixture\$1) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/21<br>12:32 |
| S15 | 1    | 12/799817   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/21<br>16:02 |

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|-----|-----|--|---|-----|-----|---------------------|
| S16 | 6   | "5814110"  | USPAT   | OR  | OFF | 2011/07/26<br>21:00 |
| S17 | 10  | molecular model\$<br>same (lead compound<br>or lead candidat\$)<br>same combinatorial                        | US-PGPUB;<br>USPAT  | ADJ | ON  | 2011/07/29<br>14:31 |
| S18 | 10  | molecular model\$<br>same (lead compound<br>or lead candidat\$)<br>same combinatorial                        | US-PGPUB;<br>USPAT  | ADJ | ON  | 2011/07/29<br>14:35 |
| S19 | 17  | (molecular model\$<br>same (lead compound<br>or lead candidat\$))<br>same high through\$                     | US-PGPUB;<br>USPAT  | ADJ | ON  | 2011/07/29<br>14:36 |
| S20 | 7   | "779419".ap.   | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2011/07/29<br>14:56 |
| S21 | 8   | "0090320"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2011/07/29<br>15:03 |
| S22 | 4   | "0090320"  | US-PGPUB  | OR  | ON  | 2011/07/29<br>15:09 |
| S23 | 2   | "20020090320"  | US-PGPUB  | OR  | ON  | 2011/07/29<br>15:10 |
| S24 | 4   | "5306315"  | USPAT   | OR  | ON  | 2011/07/29<br>15:36 |
| S25 | 1   | "20040230397"  | US-PGPUB;<br>USPAT  | OR  | ON  | 2011/07/29<br>15:37 |
| S26 | 0   | 73/53.01-61.79.ccls.<br>and (high through\$3<br>screen\$3 same<br>threshold same (lead<br>\$3 or candidate)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/07/29<br>16:31 |
| S27 | 7   | 73/53.01-61.79.ccls.<br>and (high through\$3<br>screen\$3 same (lead\$3<br>or candidate))                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/07/29<br>16:35 |
| S28 | 952 | "436".clas. and (high<br>through\$3 screen\$3<br>same (lead\$3 or<br>candidate))                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/07/29<br>16:41 |

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| S29 | 37 | S28 and fuel  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2011/07/29<br>16:42 |
| S40 | 1  | "20040230397" | US-PGPUB;<br>USPAT  | OR  | OFF | 2011/07/29<br>21:44 |
| S41 | 6  | "0207870"     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2011/07/30<br>16:52 |

7/30/2011 10:04:18 PM

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\10779419\_HiThroughputScreenMethods\_Fuel Composition.wsp